BIBLIOGRAPHY OF GEOLOGY AND RELATED SCIENCES CONCERNING WESTERN DESERT, EGYPT (1732 - 1984)

Abdel Aty Badr Salman

EGYPTIAN GEOLOGICAL CONSULTING OFFICE (REGULA)
Heliopolis , Cairo , Egypt .

Cairo, 22 December, 1984

TO
THE SCIENTISTS OF EARTH SCIENCES
THOSE WHO WANT TO BUILD UP THE
NATIONAL ECONOMY BY DEVELOPING
THE NATURAL RESOURCES
IN OUR LOVELY
EGYPT

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EGYPTIAN GEOLOGICAL CONSULTING OFFICE (EGCO)

The Egyptian Geological Consulting Office « EGCO » is constructed in the late of 1981 as a private sector for the performance of the following technical services and consultation fields:

- ☆ Geological and structural studies using remote sensing , aerial photographs and field investigations , with computer applications in earth sciences .
- ☆ Utilization of surface and subsurface geological and structural data in the evaluation of oil and gas
 potentialities for certain areas.
- ☆ Petrographic and petrogenetic studies for various rock samples.
- ☆ Soil and ground water investigations.
- ☆ Engineering geological studies for the sites of power plants , high ways , water reservoirs , dams , tunnels and evaluation of reconstruction and industrial raw materials .

The following is a brief scientific history for « EGCO » 's president Dr . Abdel Aty Badr Salman .

B. Sc. in geology and chemistry, Alexandria University (1962). M. Sc. in geology, Ain shams University (1968). Ph. D. in geology, Ain Shams University (1975). Field geologist in Atomic Energy Establishment, Egypt, since 1962. Researcher at Remote Sensing Center, Cairo, Egypt, from 1974 – 1981. Associate professor in applied geology and Head of North Eastern Desert Development Department, Nuclear Materials Corporation, Cairo, Egypt since 1978. Has an extensive experience in field geology, structural mapping and analysis, application of remote sensing in geology and environmental problems. Dr. Salman has a Long experience in exploration of radioactive raw materials. He is the author and co — author of some fifty scientific papers in the field of applied geology in Egypt, Libya and Sudan.

EGCO cooperates with highly experienced and qualified earth resources specialists . In addition to their extensive practical experience , they are of high academic levels , at least , M , Sc . degree in their field of specialization .

EGCO has formal and informal relations with other consulting firms and cooperative scientific organizations, both overseas and in Egypt. These relations make **EGCO** able to provide an integrated services to his clients.

Since the late of 1981, the Egyptian Geological Consulting Office « **EGCO** » performed geological and structural studies for the following clients:

International Egyptian Oil Company (I. E. O. C.), Cairo, Egypt. ESSO Suez Inc.. Cairo, Egypt. Marathon Petroleum Egypt, Ltd., Maadi, Cairo, Egypt.

In addition , soil and ground water studies for some limited reclamation and engineering projects have been perfoemed for private and governmental sectors .

WHY this BIBLIOGRAPHY?

The Egyptian Geological Consulting Office (EGCO) found that it is necessary to prepare some scientific works which have direct relation with the developing projects in Egypt .

The bibliography of geology and related sciences concerning Western Desert of Egypt will be of a great help for many of national developing projects in this wide part of our lovely country. It will provide a lot of information to natural resources and energy projects , petroleum exploration , Land reclamation and touristial planning projects .

INTRODUCTION

Previous Works

In 1925 , E $_{\cdot}$ H $_{\cdot}$ Keldany prepared a Bibliograhy of Geological Literature Concerning Egypt , which was published in "Geology of Egpyt" Vol , I of W $_{\cdot}$ F $_{\cdot}$ Hume .

In 1941, E.H. Keldany published "Bibliography of Geology and Related Sciences Concerning Egypt Up to the end of 1939. It represents an excellent work.

The works published during the period from 1939 to 1957 were included in the "Reviw of Egyptian Geology" published by the "Sciene Council, Cairo, 1957". In the first part of the review, R. Said prepared a bibliography covering the literature of historical geology, palaeontology, tectonics, geomorphology, and Pleistocene geology. In the second part, E.M. El Shazly prepared a bibliography on economic geology, engineering geology, ground and surface water, meteorites, mineralogy, Precambrian geology and soils.

In 1975, R. Said, A.O. Mansour, M.F. Mikhail and A.N. Elias published a "Bibliography of Geology and Related Sciences Concerning Egypt during the period 1960 – 1973.

Present Bibliography

iron ores and phosphates . . . etc .

This is the first Bibliography of Geology and Related Sciences Concerning Western Desert of Egypt. It includes the literatures during a period of about two centuries; from 1732 to 1984. It deals with the available published works, the unpublished theses and some documentary reports. 2268 titles are enclosed, written by senior Egyptian and foreigner authors. The citations are listed alphabetically according to the author names. The included citations have been compiled after a thorough examination of bibliographies and lists of references included in the different media of publication.

The medium of publication of each citation is given. Abbreviations of periodicals and their full names explanation are listed at the begining of this bibliography. The total number of the media of publication reaches 285.

This bibliography includes an index which is classified on geographic bases, in which the pronounced areas are arranged alphabetically. Under each area, the treated subjects are also arranged alphabetically. The numbers of titles are sitted ascendingly in front of each subject.

The subjects included in this bibliography are:

Archaeology and prehistory, chronology, general subjects, geochemistry, geolgoy, geomorphology and geography, geophysics, geothermal energy, hydrogeology and hydrology, minerals and mineralogy, palaeontology, petroleum, remote sensing, seismicity, sand dunes, soil, stratigraphy, structure, and tectonic. Moreover, it includes also construction and industrial raw materials; gypsum,

President ,
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(EGCO)

Abdel Aty Badr Salman

22 December 1984

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ABBREVIATIONS OF PERIODICALS

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edd. gedfungen aus dem Gebiet der Auslandskunde (Hamburg Universität), Hamburg .
... - reye Akad . Wiss . . München :
   Angebedungen der Königlich -- Bayerischen Akademie der Wissenschaften , München . ( Yearly in separate Hefts ) . ( See
    else " Sazh : Bayer : Akad : Wiss : " ) :
 া ও০৬ Wes., Götilngen:
    mid-Landkungen der Konig . Gesellschaft der Wissenschaften zu Göttingen .
     Table - mature . Et . Akad . Wiss . Mainz :
      und der literature , Wattsematisch – Naturwissenschaftlische Klasse Akademie der Wissenschaften und der literature ,
      (99) Franz Steiner Verlag Gmbh., Weisbaden - W. Germany.
and the season Alsadi. Wissi., Berlin:
    ababadlengen der Königlich – Preussischen Akademie der Wissenschaften, Berlin. ( Yearly ) . ( See also : " Ber Preuss .
    Access Wass 1,1 Ber , Verh , Preuss , Akad Wiss "; " Sitzb , Preuss , Akad , Wiss , " ; And Verh , Preuss , Akad , Wiss , " ) ,
     dachs, Ges, Wiss, Leinzig:
    Ademyfüngen der königlich - Sächsischen Gesellschaft der Wissenschaften. (Mathematisch - physischen Klasse),
      (Yearly) (See also: "Sitzb. Sächs Ges. Wiss.").
     Pen Venb Naturi. Ges., Frankfürt. a. M:
    🕆 🚙 Brugen herausgegeben von der Senckenbergischen Naturforschenden , Gesellschaft , Frankfürt – am. Main ( 3
    \mathbb{H}_*\mathbb{H}^n 'family ) . See also : " Ber . Senckenb . Naturf . Ges . "
     now. Cart. Soc., London:
    stracts of the Proceedings of the Geological Society of London .
    _{\rm S} _{\rm S} , _{\rm S} , _{\rm S} , _{\rm S} , ( Ann _{\rm S} Inst _{\rm S} Anal , Phys , - Chim , ) , Leningrad :
        ां अर्थन des Sciences de L'Union des Répubiques Soviétiques Socialistes . (Annales de l'Institut des Analyses
      ----- Clamques ) Leningrad .
    . . . . dang.,:
     and the Aradamiae scientiarum Hungaricae Budapest Hungary .
     Line Fetters
         Abandata Schemmt Societates Orientales Batava Danica Norvegica , Leide .
         . man, fast . Geof . Problems Micropaleont.:
    - Industry of Science USSR, Institute of Geology, Problems of Micropaleontology) Moscow, USSR.
    era est a littinchen :
       Transport New York:
      . S. James Anthropologist , New York .
      the regard desired of Archeology - Archeological Institute of America - New York . U . S . A .
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American Journal of Science Radiocarbon Supplement New Haven, Yale University, Kline Geology Laboratory, New Haven, Conn., U., S., A.

Am . Journ . Sem . Lang . , Chicago :

American Journal of Semitic Languages and Literature . (Previously "Hebraica ") , Chicago .

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The American Museum Journal . (Organ of the American Museum of Natural History), New York .

Am . Mus . Novit .:

American Museum Novitates New York . American Museum of Natural History .

Am Scient

American Scientist New Haven Scientific Research Society of America New Haven, Conn. U. S. A.

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 $\label{thm:continuous} \textbf{Annual Report of the Board of Regents} \ . \ \textbf{Smithsonian Institution} \ , \ \textbf{Washington} \ . \ (\ \textbf{See also} : " \ \textbf{Rep} \ . \ \textbf{U} \ . \ \textbf{S} \ . \ \textbf{Nat} \ . \ \textbf{Mus} \ . \ ") \ . \\ \textbf{Annual Report of the Board of Regents} \ . \ \textbf{Smithsonian Institution} \ , \ \textbf{Washington} \ . \ (\ \textbf{See also} : " \ \textbf{Rep} \ . \ \textbf{U} \ . \ \textbf{S} \ . \ \textbf{Nat} \ . \ \textbf{Mus} \ . \ ") \ . \\ \textbf{Mus} \ . \ ") \ . \ \textbf{Nat} \ . \ \textbf{Mus} \ . \ ") \ . \\ \textbf{Mus} \ . \ ") \ . \ \textbf{Nat} \ . \ \textbf{Nat}$

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DEMINEX 10 YEARS PARTNERSHIP BETWEEN EGYPT AND WEST – GERMANY IN THE FIELD OF PETROLEUM EXPLORATION AND PRODUCTION

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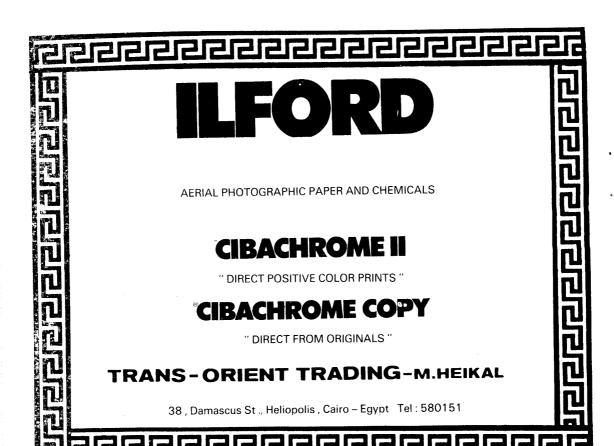
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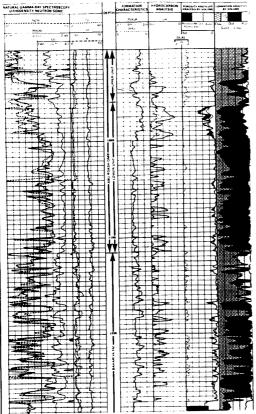
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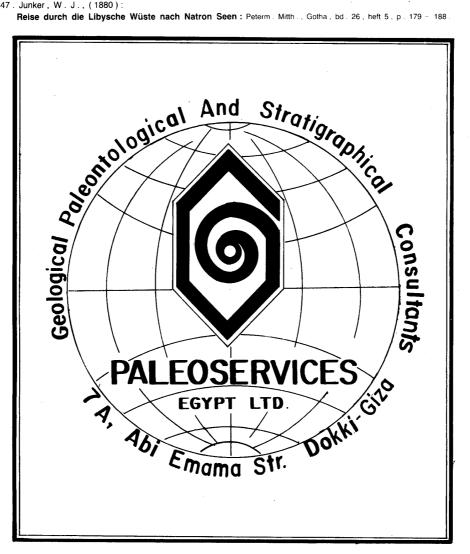
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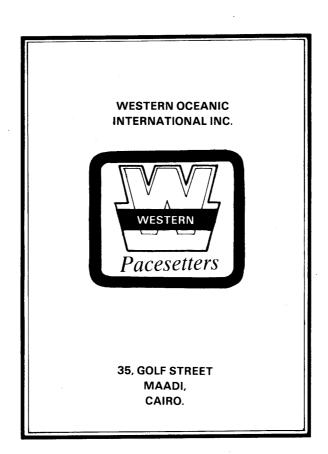
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GEOCHEMISTRY

- -Rocks & Minerals Analyses.
- -Heavy Minerals Separation.
- -Trace Elements Determination.
- -Geochemical Exploration.
- -Radioactive Age-Dating.
- -GC Petroleum Geochemistry.
- -HPIC Ion-Chromatography.
- -Water Geochemistry.
- -Isotope Tracers Hydrology.
- -Brines & Metalloginic Mapping.



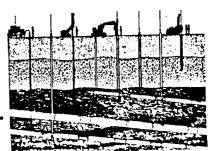


GEOLOGY

- -Ore Exploration.
- -Geological Mapping.
- -Minning & Tunneling.
- -Core Drilling.
- -Geophysical Logging.

GEOTECHNOLOGY

- -Site Investigation.
- -Earth Resistivity.
- -Laboratory Testing.
- -Chemical Grouting.
- -Rock Bolting&Anchoring
- -Sand Blasting& Shotcreting.
- -Dewatering & Piezometers.
- -Pile Foundations.
- -Boreholes & Injection.



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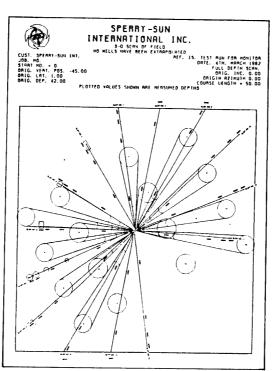
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NL Sperry-Sun Directional Systems



COMPUTERIZED WELL PLANNING



Example of a Three-Dimensional Plot

* DIRECTIONAL DRILLING * WELL SURVEYING * PRESSURE TESTING

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  455, 456, 494, 1029, 1236, 1238, 1239, 1240, 1444, 1879, 1881, 2183, 2184, 2185, 2186, 2187, 2188,
  2189,2190,2191,2192,2193,2194,2195,2202,2203.
  Geophysics:
  365.
  Hydrogeology and Hydrology:
  35,1223,1480,1481,1936.
  Palaeontology:
  135, 136, 138, 141, 145, 146, 559, 560, 561, 624, 650, 676, 693, 898, 1030, 1092, 1102, 1178, 1297,
  1298, 1299, 1439, 1440, 1482, 1507, 1508, 1516, 1517, 1527, 1528, 1549, 1594, 1638, 1662, 1675, 1676
  , 1677 , 1678 , 1679 , 1681 , 1906 , 1907 , 1977 , 1979 , 1994 , 1995 , 1999 , 2001 , 2008 , 2052 , 2053 , 2054 ,
  2055, 2067, 2142, 2216, 2219.
  Soil:
  61,343,1130,1139,1480,1718.
  Stratigraphy:
  150,478,479,621,1028,1296,2141,2143.
Gilf Kebir:
 Archaeology and Prehistory:
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El Dabaa :

1536, 1537, 1607.

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Geology:
 175 , 594 , 759 , 1182 , 1404 , 1405 , 1739 , 1740 .
 Geomorphology and Geography
 596, 597, 598, 1349, 1519, 1520, 1702, 1707, 1782.
 Palaeontology
 472,1040
 Remote Sensing :
 759 , 1530 .
Kharga Oases:
 Archaeology and Prehistory;
 169,563,564,570,1558,1974.
 General Subjects
 264,386,453,500,501,562,607,1010,1032,1033,1111,1237,1429,1692,1792,1901,1916,1917.
 Geochemistry:
 1021.
 Geology:
  180, 285, 309, 382, 376, 890, 1050, 1053, 1071, 1199, 1249, 1500, 1719, 1720.
 Geomorphology and Geography:
 891,1280,1883,2261
 Hydrogeology and Hydrology:
 Minerals:
  422,871,1728,1729.
  Palaeontology:
 81,82,245,765,1034,1096,1152,1153,1159,1187,1192,1193,1385,1813,2021.
  Radioactivity:
  1876.
  Remote Sensing:
  847,1314,1603
  Sand Dunes :
  212,892,893,894,1351,1452,2222.
  Soil:
  69,70,73,76,185,1447,1948,1973.
  Stratigraphy
  247,870,873,875,876,1155.
  Structure and Tectonics:
   1062.
Kufra:
  General Subjects:
  964, 965, 966, 1023, 1168, 1768, 1796, 1806.
  Geology:
  515, 1265, 1490, 1706.
  Geomorphology and Geography:
  95,297,460
  Palaeontology:
   153,582,616
  Stratigraphy:
   154,2138
 Kurkur - Dungul Oases:
   Geomorphology and Geography:
   525,526,636,1760,2252.
   Geology:
   286,636,638,640,1262,1303,1304,1850,1858.
   Palaeontology:
   1450,2129.
   Stratigraphy:
   13,997.
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Mediterranean Region:
   Black Sands:
   1959
   General Subjects:
   470,557.
   Geology:
   57, 271, 330, 419, 420, 430, 675, 775, 985, 1013, 1397, 1717, 1872, 1953, 2132.
   Geomorphology and Geography:
   62,519,520,823,831,1127,1808,1950,1951.
   Geophysics:
   106, 1475, 1590.
   Geothermal Energy:
   574.
   Hydrogeology and Hydrology:
   821,830,884,1437,1950,1951,2037.
   Mineralogy:
   33,204,222,223,224.
  Palaeontology:
  412,461,1869,2108.
   Soil:
  32,43,66,800,1126,1564.
  Stratigraphy:
  832,833,1078,1420,1421,1491,1492,1953,2046,2157.
  Structure and Tectonics:
  771,1235,1474,1543,1807,2087.
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  General Subjects:
  347.
  Geology:
  868,1684,1685,2090.
  Geomorphology and Geography:
  872.
  Hydrogeology and Hydrology:
  869,2090.
  Palaeontology:
  543.
  Petroleum:
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  1125.
  Stratigraphy:
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Nile Delta :
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 Geochemistry:
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 Geology:
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 Geomorphology and Geography: 1578, 1640, 1930, 2263.
 Hydrogeology and Hydrology:
 48,425,779,1786,1957,2240.
 Palaeontology:
 1814,2014,2134,2135.
 Petroleum:
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Seismicity:
    107.
   Soil:
   27,67,71,228,229,235,769,770,936,945,1972,2259,2260.
   Stratigraphy:
    1291, 2047, 2080, 2081, 2241, 2242, 2243, 2246, 2248, 2249, 2250, 2251
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   Structure and Tectonics :
    1596, 2026, 2080, 2081
    Archaeology and Prehistory:
   91, 194, 507, 1642, 1722, 1761, 1861, 1880, 1897, 1898, 1975, 2012, 2167, 2170.
   Chronology:
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   198, 236, 237, 491, 498, 499, 506, 537, 711, 713, 1110, 1407, 1478, 1479, 1485, 1777, 1924, 1925, 1926, 1927, 1928, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 1929, 19
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   Geochemistry:
   2,712,1418.
   Geology:
   89, 250, 288, 371, 372, 527, 529, 587, 622, 660, 667, 915, 1068, 1081, 1149, 1189, 1191, 1243, 1252,
   1268, 1476, 1495, 1655, 1846, 1854, 1861, 1863, 1880, 1938, 2076, 2144, 2146, 2254.
   Geomorphology and Geography:
   90,100,428,518,611,928,1327,1339,1754,1895,2035,2201,2202.
   Geophysics:
   2257,2258
   Hydrogeology and Hydrology
   102, 202, 203, 824, 1730, 1874.
   Palaeontology
   588,589,590,1117,1164,1369,1451,1656,1838,1865.
   56,399,741,883,1057,1058,1356,1668,1724,2015,2100.
   Radioactivity:
   1080.
   Remote Sensing:
   1873,1874.
   Seismicity:
   1293.
   Soil:
   68,737,944,1119,1334,1718,1721,1984.
   Stratigraphy:
   533,534,808,810,1132,1301,1423,1616,2013,2130.
   Structure and Tectonics :
   58,905,1771,1873,2224.
North Western Desert :
   General Subjects:
   151, 152, 298, 416, 513, 514, 726, 2004.
   Geology:
   181,512,678,680,836,856,971,1084,1123,1574,1741,1872,1940,1941,2104,2225,2244.
   Geomorphology and Geography:
   541,679,680,685,687,820,932,1548,1839,1944,1955,2016,2133.
   Geophysics:
   364,866,1114,1166,1379,1561,1562,1563,1580,1819.
   Gypsum Deposits:
   21,92,409,845,1059,1218,1259,1658,1686,2111.
   Hydrogeology and Hydrology:
   38, 49, 50, 691, 793, 794, 856, 857, 859, 867, 1123, 1147, 1212, 1276, 1437, 1580, 1588, 1589, 1694,
   1695, 1810, 1934, 1955.
   Palaeontology:
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304, 681, 682, 683, 1026, 1497, 1581, 1812, 2088, 2089.

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Petroleum:
 80,86,665,672,777,1151,1871,2123.
 Radioactivity:
 1579, 1595, 1596, 2256.
 Remote Sensing:
 851,853,854.
 Seismicity:
 352, 353, 354, 357, 366, 367, 368.
 28,44,54,63,74,75,799,1124,1276,1959.
 Strtatigraphy:
 10, 20, 22, 24, 79, 1294, 1300, 1566, 1595, 1654, 1871, 2070, 2244.
 Structure and Tectonics:
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 Archaeology and Prehistory:
 249,1190,2213.
 Chronology:
 1399,1400.
 General Subjects:
 488,554,1367,1392,1454,1455.
 Geology:
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 Geomorphology and Geography:
 96,1551,2211,2212.
 Palaeontology:
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Siwa Oasis :
 General Subjects:
 155, 260, 670, 749, 1229, 1233, 1328, 1329, 1340, 1342, 1779, 1780, 1781, 1787.
 Geology:
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 Geomorphology and Geography:
 Hydrogeology and Hydrology:
 2253.
 Palaeontology:
 1122.
 Petroleum:
 783,2152.
 Remote Sensing:
 Sand Dunes :
 1186.
 Soil:
 858,939,967.
 Stratigraphy:
 1085, 1086, 1087, 1088, 2139.
South Western Desert :
 Archaeology and Prehistory:
  200,1533,1535,1608,1966,2017.
  Chronology:
 51.
 Construction and Ceramic Raw Materials:
 1353,1418,1856.
 General Subjects:
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720,721,1009,1246,1446,1459,1960,1964.

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Geochemistry:
  72.
  Geology:
  105, 176, 178, 179, 182, 183, 383, 610, 757, 784, 798, 826, 827, 1072, 1079, 1305, 1308, 1311, 1312,
  1401,1404,1406,1460,1547,1631,1887,1889,1892,1893,1935,2208.
  Geomorphology and Geography:
  84,609,1109,1184,1645,1884,1885,1886.
  Hydrogeology and Hydrology:
  15,87,215,1645,1784,1785,1890.
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  88,225,474,1075.
  Minerals:
  12,575.
  Paleontology:
  323, 1041, 1042, 1157, 1158, 1165, 1510, 1518, 1888.
  Petroleum:
  117,1631.
  Radioactivity;
  1875.
  Remote Sensing:
  751,763.
  Sand Dunes :
  745.
  Seismicity;
  350.
  Soil:
  49.
  Stratigraphy:
  11, 14, 319, 379, 586, 1160, 1306, 1312, 1406, 1735.
  Structure and Tectonics:
  308,912,1312,1509.
Wadi El Natrun :
  Geneal Subjects:
  123,418,688,1047,1347,1362,1363,2262.
  Geology:
 655,689,772,1382,1623,1878,1958,2058,2137.
  Geomorphology and Geography:
  615, 1818, 1927, 2058, 2200.
 Geophysics:
  358, 359, 360, 361, 362.
 Hydrogeology and Hydrology:
 226,272,1958.
 Mineral Salts and Mineralogy:
 217, 218, 219, 655, 1213, 1381, 1623, 1798, 1804, 1833, 1834, 2057, 2062, 2063.
 134,1001,1325,2059,2078,2107.
 Soil:
 60,77.
 Stratigraphy:
 17,18.
Western Desert:
 Archaeology and Prehistory:
 121,476,477,1629,1701,1704,1705,1762,1904,1965,2178.
 Construction Materiales:
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General Subjects:

276, 278, 279, 280, 294, 295, 389, 413, 462, 463, 464, 465, 466, 467, 482, 532, 538, 546, 550, 551, 558, 606, 670, 727, 748, 917, 948, 970, 1044, 1045, 1107, 1133, 1135, 1136, 1169, 1170, 1171, 1172, 1173, 1174, 1207, 1225, 1230, 1231, 1232, 1237, 1282, 1286, 1341, 1344, 1365, 1366, 1368, 1386, 1387, 1388, 1393, 1394, 1395, 1438, 1453, 1454, 1458, 1501, 1524, 1525, 1526, 1584, 1585, 1593, 1602, 1628, 1691, 1693, 1700, 1769, 1789, 1790, 1791, 1793, 1795, 1919, 1967, 2002, 2065, 2099, 2124, 2153, 2221.

Geochemistry:

431,664,1567.

Geology:

184, 205, 206, 207, 208, 209, 283, 316, 317, 378, 612, 628, 629, 678, 686, 690, 747, 760, 959, 1024, 1097, 1174, 1316, 1344, 1467, 1529, 1546, 1550, 1552, 1587, 1630, 1731, 1738, 1775, 1891, 1943, 2205, 2266, 2267, 2268.

Geomorphology and Geography:

272, 273, 291, 292, 293, 400, 408, 540, 710, 1108, 1179, 1180, 1181, 1188, 1194, 1227, 1228, 1247, 1267, 1332, 1343, 1344, 1345, 1396, 1424, 1483, 1531, 1532, 1545, 1553, 1583, 1600, 1691, 1703, 1716, 1765, 1776, 1853, 1909, 1914, 1915, 1943, 2105, 2214, 2264.

Geophysics:

37, 173, 1358, 1377, 1613.

Hydrogeology and Hydrology:

258, 262, 266, 287, 303, 828, 1054, 1055, 1183, 1208, 1220, 1222, 1241, 1410, 1411, 1412, 1586, 1601, 1639, 1696, 1797, 1899, 2116, 2140.

Palaeontology:

484, 583, 591, 633, 669, 684, 695, 719, 722, 764, 916, 994, 1016, 1143, 1154, 1162, 1224, 1317, 1431, 1449, 1461, 1472, 1506, 1609, 1714, 1715, 1750, 1767, 1868, 1902, 1962, 1968, 2154, 2267.

Petroleum :

43, 41, 42, 110, 111, 118, 119, 122, 356, 738, 739, 911, 969, 1358, 1375, 1377, 1417, 1512, 1546. Remote Sensing:

174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 755, 758, 762, 1415.

Sand Dunes

97, 240, 274, 275, 277, 385, 391, 485, 486, 487, 552, 585, 755, 963, 1070, 1348, 1391, 1521, 1539, 1540, 1541, 1542, 1699, 1794, 2151.

Seismicity:

355.

Silica Glass:

170,424,595,599,600,601,603,604,605,725,1008,1014,1052,1069,1415,1641,2042,2109,2117.

Soil:

31,773,937,938,1447,2265.

Stratigraphy:

55, 98, 329, 398, 411, 637, 1121, 1161, 1167, 1417, 1449, 1483, 1512, 1582, 1619, 1648, 1844, 2030.

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المكتب المصرى للاستثارات الچّولوچية (اچكـــو)

انشىء المكتب المصرى للاستشارات الجيولوچية اچكو في أواخر عام ١٩٨١ م وينحصر نشاطة في المجالات الآتية :

- ★ الدراسات الچيولوچية باستخدام الصور الفضائية والصور الجوية ، الابحاث الحقلية والحاسب الألى ف التطبيقات
 الجيولوچية .
- ★ استخدام البيانات الجيولوجية السطحية والتحت سطحية في تقييم الاحتمالات الغازية والبترولية للمناطق المختلفة .
 - ★ الدراسات البتروجرافية لقطاعات الصخور المختلفة.
 - ★ ابحاث التربة والمياة الجوفية للاغراض الزراعية .
- ★ الدراسات الچيولوچية لخدمة المشروعات الهندسية مثل محطات القوى ، والطرق الاقليمية ، السدود وخزانات المياة ،
 الانفاق ، تقييم الخامات لاغراض التعمير والصناعة .

ومنذ عام ١٩٨١ فقد قام "اجكو" باجراء الدراسات الأتية:

- ★ دراسة چيولوچية لمساحة ٢٠٠ كيلو مترا مربعا في شمال سيناء لحساب الشركة الدولية للزيت المصرى ". I . E . O . C .
- ★ دراسة للتراكيب الچيولوچية وعلاقاتها بالمشروعات الهندسية في منطقة جبل الزيت (جنوب خليج السويس) لحساب شركة "اسو سويس" " " ESSO SUEZ INC."
- ★ دراسة التراكيب الچيولوچية وعلاقاتها باستكشاف البترول لمساحة ١٣٠٠٠ كيلو مترا مربعا بسلسلة عش الملاحة وجبل الزيت ، باستخدام الصور الفضائية لحساب شركة ماراثون للبترول
- ★ هذا بالإضافة الى اجراء بعض دراسات التربة والمياه الجوفية لخدمة استصلاح الاراضى والمشروعات الهندسية لحبساب شركات القطاع العام والخاص .

هذا الكتاب

لقد وجد رئيس المكتب المصرى للاستشارات الچيولوچية انه ُمن الضرورى تقديم عملا علميا يكون له علاقة مباشرة بمشروعات التنمية في مصر .

ويعتبر هذا البيبليوجرافي ذو نفع كبير للكثير من مشروعات التنمية القومية في صحراء مصر الغربية ، فهو يحتوى على العديد من المراجع المتعلقة بمشروعات تنمية المصادر الطبيعية والطاقة . استكشاف البترول . واستصلاح الاراضى والسياحة .

كما أنه يعتبر درجعا يساعد الباحثين في الجامعات ومراكز البحوث المصرية.

يشتمل هذا "البيبليوجرافي" على ٢٢٦٨ مرجعا تغطى الفترة من سنه ١٧٣٢ م حتى سنه ١٩٨٤ م . وقد رتبت هذه المراجع ترتيبا هجائيا حسب اسم كاتب الموضوع ، كما يوجد في أول الكتاب تفسيرا لاختصارات المجلات والحوليات والاماكن المنشور بها تلك الموضوعات .

وكذلك يحتوى في نهايته على فهرس مقسما على اساس المواقع الجغرافية والتي تم ترتيبها ترتيبا مجائيا وقد رتبت تحت كل موقع الموضوعات المتعلقة به وامام كل موضوع ارقام المراجع التي ناقشته مرتبة ترتيبا تصاعديا .

ويشتمل هذا "البيبليوجراف" على الموضوعات الأتية:

الچيولوچيا ، الجيوكيمياء ، الجغرافيا ، التاريخ الحضارى وما قبل التاريخ ، الجيوفيزياء ، الطاقة الحرارية ، المياه الجوفية ، المعادن ، الحفريات ، البترول ، الاستشعار من البعد ، الزلازل ، الكثبان الرملية ، التربة . المياه الجوفية ، علم الطبقات ، الجيولوچيا التركيبية ، الخامات المعدنية ومواد البناء والصناعة .

رئیس المکتب المصری للاستشارات الچولوچیة (اچکو) دکتور / عبد العاطی بدر سالمان ۲۲ دیسمبر ۱۹۸٤

المكتب المصرى للاستشارات الچيولوچية "إچكـو"

ع ابن حجر العسقلاني ـ أرض الجولف ـ مصر الجديدة ـ القاهرة
 ت : ٩٧٠٨٦٣

القاهرة ۲۲ ديسمبر ۱۹۸۶ رقم الإيداع بدار الكتب المصرية ۱۹۹۸ / ۸۰

